ITEM **DESCRIPTION** MATERIAL FINISH **DESCRIPTION** U.FL PLUG **BRASS GOLD** Α A INITIAL RELEASE OF LINX INTERNAL DRAWING **BRASS** В U.FL PLUG GOLD B UPDATED TO ADD CABLE LENGTH TOLERANCES 1.13mm **GRAY** С CABLE **COAXIAL** 

SEE PART NUMBER TABLE

NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1. ALL DIMENSIONS ARE IN INCHES [mm].
- 2. DIMENSIONS APPLY AFTER FINISHING.
- 3. MANUFACTURE TO BE COMPLIANT WITH EU ROHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
- 4. MINIMUM FREQUENCY RANGE: DC TO 3GHz.
- 5. CABLE ASSEMBLY SPECIFICATIONS;
  - CHARACTERISTIC IMPEDANCE:  $50\Omega \pm 3\Omega$
  - INSERTION LOSS: 100mm 0.34vf IN GHz TYP.

200mm - 0.56Vf IN GHz TYP.

300mm - 0.73√f IN GHz TYP.

6. CONNECTORS TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE.

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| PART NUMBER       | CABLE LENGTH  |
|-------------------|---------------|
| CSI-UFFR-100-UFFR | 100mm ± 1.5mm |
| CSI-UFFR-200-UFFR | 200mm ± 3.0mm |
| CSI-UFFR-300-UFFR | 300mm ± 4.5mm |

**REVISIONS** 

APPV

CLL

CLL

DATE

18-AUG-17

27-OCT-17

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=TE

CABLE ASSEMBLY, U.FL TO U.FL 1.13mm CBL

SIZE DWG. NO. REV B | csi-uffr-ccc-uffr В

ENGR: D. VARATHARAJAN DT: 18-AUG-17 SCALE: 2.5:1. DO NOT SCALE DRAWING SHEET 1 OF 1

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